

United States of America

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION CONSTRUCTION PERMIT



Official Mailing Address:

SOUTHWEST EDUC. MEDIA FOUNDATION INC  
2921 BROWN TRAIL #140  
BEDFORD, TX 76021

Authorizing Official:

*Dennis Williams*  
Penelope A. Dade  
Supr Applications Examiner, FM Branch  
Audio Services Division  
Mass Media Bureau

Grant Date: June 17, 1988

Call sign: 831216BU

*KQEA*

This permit expires 3:00 am.  
local time: December 17, 1989

Permit File No.: BPED-831216BU

This authorization re-issued to reflect a change in official mailing address effective 9/19/89

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

This permit shall be automatically forfeited if the station is not ready for operation within the time specified (date of expiration) or within such further time as the Commission may allow, unless completion of the station is prevented by causes not under the control of the permittee. See Sections 73.3598, 73.3599 and 73.3534 of the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Name of permittee:

SOUTHWEST EDUCATIONAL MEDIA FOUNDATION INC.

Station Location:

LA-LAKE CHARLES

Frequency (MHz): 91.7

Call sign: 831216BU

Permit No.: BPED-831216BU

Channel: 219

Class: A

Hours of Operation: Unlimited

Transmitter location (address or description):

SOUTHWEST CORNER OF INTERSECTION FM 3059 AND MANHIDE ROAD  
LAKE CHARLES, LOUISIANA

Transmitter: Type accepted. See Sections 73.1660, 73.1665 and 73.1670  
of the Commission's Rules.

Transmitter output power: As required to achieve authorized ERP.

Antenna type: (directional or non-directional): Non-directional

Antenna coordinates: North Latitude: 30 16 10.0  
West Longitude: 93 03 51.0

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the horizontal plane (kW) . . . . . :	3.00	3.00
Height of radiation center above ground (meters) . . . . . :	99.0	99.0
Height of radiation center above mean sea level (meters) . . . . . :	105.0	105.0
Height of radiation center above average terrain (meters) . . . . . :	100.0	100.0
Overall height of antenna structure above ground (including obstruction lighting, if any) . . . . . :	152.0 meters	

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

Paragraph 1.0, FCC Form 715 (March 1978):

Antenna structures shall be painted throughout their height with alternate bands of aviation surface orange and white, terminating with aviation surface orange bands at both top and bottom. The width of the bands shall be equal and approximately one-seventh the height of the structure, provided however, that the bands shall not be more than 100 feet nor less than 1 and 1/2 feet in width. All towers shall be cleaned and repainted as often as necessary to maintain good visibility.

Paragraph 3.0, FCC Form 715 (March 1978):

There shall be installed at the top of the structure one 300 m/m electric code beacon equipped with two 620- or 700-watt lamps (PS-40, Code Beacon type), both lamps to burn simultaneously, and equipped with aviation red color filters. Where a rod or other construction of not more than 20 feet in height and incapable of supporting this beacon is mounted on top of the structure and it is determined that this additional construction does not permit unobstructed visibility of the code beacon from aircraft at any normal angle of approach, there shall be installed two such beacons positioned so as to insure unobstructed visibility of at least one of the beacons from aircraft at any normal angle of approach. The beacons shall be equipped with a flashing mechanism producing not more than 40 flashes per minute nor less than 12 flashes per minute with a period of darkness equal to approximately one-half of the luminous period.

Paragraph 4.0, FCC Form 715 (March 1978):

At approximately one-half of the overall height of the tower one similar flashing 300 m/m electric code beacon shall be installed in such position within the tower proper that the structural members will not impair the visibility of this beacon from aircraft at any normal angle of approach. In the event this beacon cannot be installed in a manner to insure unobstructed visibility of it from aircraft at any normal angle of approach, there shall be installed two such beacons. Each beacon shall be mounted on the outside of the tower at the prescribed height.

Paragraph 13.0, FCC Form 715 (March 1978):

On levels at approximately three-fourths and one-fourth of the over-all height of the tower, at least one 116- or 125-watt lamp (A21/TS) enclosed in an aviation red obstruction light globe shall be installed on each outside corner of the structure.

Paragraph 21.0, FCC Form 715 (March 1978):

All lighting shall burn continuously or shall be controlled by a light sensitive device adjusted so that the lights will be turned on at a north sky light intensity level of about 35 foot candles and turned off at a north sky light intensity level of about 58 foot candles.

Special operating conditions or restrictions:

IN ACCORDANCE WITH SECTION 73.525(C)(2) OF THE COMMISSION'S RULES, THE PERMITTEE SHALL EFFECTIVELY INSTALL UP TO 568 FILTERS ON TELEVISION RECEIVERS LOCATED WITHIN THE PREDICTED INTERFERENCE AREA WITHIN NINELY (90) DAYS AFTER COMMENCING PROGRAM TESTS AND, NO LATER THAN FORTY FIVE (45) DAYS THEREAFTER, PROVIDE TV CHANNEL SIX STATION KPDM(TV) WITH A CERTIFICATION CONTAINING SUFFICIENT INFORMATION TO PERMIT VERIFICATION OF SUCH INSTALLATIONS.